

1. Konversikan bilangan berikut :

**(Nilai 18)**

Decimal	Biner	Oktal	Hexa	Gray Code
219	1101 1011	333	DB	1011 0110
215	1101 0111	327	D7	1011 1100
158	1001 1110	236	9E	1101 0001
759	10 1111 0111	1367	<b>2F7</b>	11 1000 1110
139	1000 1011	213	8B	1100 1110

2. Lakukan operasi penjumlahan dan pengurangan bilangan berikut :

**(Nilai 6)**

A	B	A + B	A - B
1100 0100	0101 1111	1 0010 0011	110 0101
( 752 ) <sub>8</sub>	( 367 ) <sub>8</sub>	1341 <sub>8</sub>	363 <sub>8</sub>
( D45 ) <sub>16</sub>	( 9BC ) <sub>16</sub>	1701 <sub>16</sub>	389 <sub>16</sub>

Decimal	Binary	Octal	Hex	Gray code
219	11011011	333	DB	01011010
215	11010111	327	D7	01011010
158	10011110	236	9E	01101001
759	101110111	1367	2F7	01101001
139	10001011	213	8D	11001110

$$\begin{array}{r}
 2. \quad 1 - 1100 \ 0100 \\
 \quad \quad 0101 \ 1111 \\
 \hline
 106166611
 \end{array}$$

$$\begin{array}{r}
 - 1100 \ 0100 \\
 \quad 0101 \ 1111 \\
 \hline
 110 \ 0101
 \end{array}$$

$$\begin{array}{r}
 2 - 752 \\
 \quad 367 \\
 \hline
 1119
 \end{array}$$

$$\begin{array}{r}
 - 752 \\
 \quad 367 \\
 \hline
 363
 \end{array}$$

$$\begin{array}{r}
 3 - 045 \\
 \quad 986 \\
 \hline
 1031
 \end{array}$$

$$\begin{array}{r}
 - 045 \\
 \quad 986 \\
 \hline
 389
 \end{array}$$